Installation & Community Protection

Dr. Tom Hartranft, 16 March 2004

The War Fighter is Getting Transparent and Integrated Capabilities

- The Army Research, Development, & Engineering Command (RDECOM) is developing an integrated suite of capabilities for next generation soldiers

OBJECTIVE FORCE WARRIOR
(Transparency Here)

- RDECOM is using a System of Systems Concept within the Unit of Action

(Transparency Here)

Look at Installations in like fashion

Installation-Community Protection
(What are the Threats?)

- Real threats
  - - Bombs, C4I, Power & utilities disruption, Fire, Natural disasters, CBRNE
- Perceived threats
  - Social perceptions leading to fear-induced slowdown of base-wide support … base entry, mail processing, family needs on/off base, email

What is Dept of Homeland Security do

Department of Homeland Security (DHS)
(Strategic Goals)

Awareness

Prevention

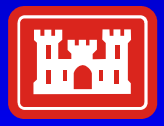
Protection

Response

Recovery

Service

Organizational excellence

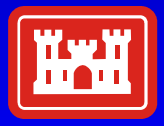


Department of Homeland Security
(2nd Year Priorities)

1. Stronger info sharing & infrastructure protection
2. Interoperable communications and equipment
3. Integrated border and port security systems
4. New technologies and tools
5. More prepared communities
6. Improved customer service for immigrants
7. Management initiatives to enhance capabilities

Department of Homeland Security
(2nd Year Priorities)

1. **Stronger info sharing & infrastructure protection**
   - **Information … vertical & horizontal info sharing**
   - **Infrastructure … unified national database of critical infrastructure + tools, processes, methodologies to ID new critical infrastructure**
   - **Standards … vulnerability assessments to enhance protection**
2. Interoperable communications and equipment
3. Integrated border and port security systems
4. New technologies and tools
5. More prepared communities
6. Improved customer service for immigrants
7. Management initiatives to enhance capabilities

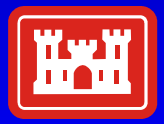


Department of Homeland Security
(2nd Year Priorities)

1. Stronger info sharing & infrastructure protection
2. **Interoperable communications and equipment**
   - **Enable firefighters, police, and other emergency personnel to communicate and share equipment with each other during a disaster**
3. Integrated border and port security systems
4. New technologies and tools
5. More prepared communities
6. Improved customer service for immigrants
7. Management initiatives to enhance capabilities

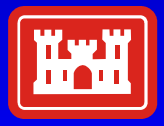
Department of Homeland Security
(2nd Year Priorities)

1. Stronger info sharing & infrastructure protection
2. Interoperable communications and equipment
3. Integrated border and port security systems
4. **New technologies and tools**
   - **Detecting nuclear material**
   - **Next generation biological and chemical detectors**
   - **Homeland security advanced research proj agency**
5. More prepared communities
6. Improved customer service for immigrants
7. Management initiatives to enhance capabilities



Department of Homeland Security
(2nd Year Priorities)

1. Stronger info sharing & infrastructure protection
2. Interoperable communications and equipment
3. Integrated border and port security systems
4. New technologies and tools
5. **More prepared communities**
   - **National incident management sys**
   - **Standardized procedures for responding to emergencies across the nation**
6. Improved customer service for immigrants
7. Management initiatives to enhance capabilities



Candidate Army Capabilities Warranting Special Consideration Beyond DHS Initiatives

- Power projection platform
- Power Support platform
- Logistics tail
- Military-unique production lines
- Combat maneuver training
- Base Camp / Forward facilities

How many facilities are we talking about?
What kind of “ “ “ “ “ ?

VI. INSTALLATION SIZE SUMMARIES

Allocation of All DoD Installa

Summary of Installations/Locations - FY 2003 Baseline Data

Location	No. of Large Installations	No. of Medium Installations	No. of Small Installations/Locations	Total Locations
United States	95	95	5,714	5,904
US Territories	5	1	90	96
Foreign	15	19	668	702
Total	116	116	6,472	6,702

Location	Service	No. of Large Installations	No. of Medium Installations	No. of Small Installations/Locations	Total Locations
United States	Army	37	33	4,080	4,150
	Navy	20	29	366	415
	Air Force	31	29	1,230	1,290
	USMC	7	4	38	49
	United States Total	**95**	**95**	**5,714**	**5,904**
US Territories	Army	0	0	59	59
	Navy	4	0	8	12
	Air Force	1	1	22	24
	USMC	0	0	1	1
	US Territories Total	**5**	**1**	**90**	**96**
Foreign	Army	1	8	372	381
	Navy	5	4	35	44
	Air Force	7	7	261	275
	USMC	2	0	0	2
	Foreign Total	**15**	**19**	**668**	**702**
	Grand Total	**116**	**116**	**6,472**	**6,702**

ARMY

Large Installation = Total PRV greater than or equal to $1.5B
Medium Installation = Total PRV less than $1.5B and greater than or equal to $500M
Small Installation = Total PRV less than $500M and greater than 0
Records with zero or null PRVs are not counted - primarily land records or state owned locations

What's Extent of Army Arsenals and Plants?

Arsenals	Centers	Ammunition Plants	Army Plant	Contractors
Picatinny	Natick, MA	*Cornhusker, NE*	*Detroit Tank Plant, MI*	Highland, AR
Redstone Arsenal, AL	Selfridge	*Holston*	*Lima Tank Plant*	
Watertown Arsenal, MA		*Indiana, IN*	*Stratford Engine Plant, CT*	
Watervliet Arsenal, NY		*Iowa, IA*		
		Lake City, MO		
		Letterkenny		
		Lone Star, TX		
		Longhorn, TX		
		Louisiana, LA		
		Milan, TN		
		Mississippi, MS		
		Radford, VA		
		Scranton, PA		
		Sunflower, KS		
		Twin Cities, MN		
		Volunteer, TN		

Rock Island Arsenal houses DoD's only general-purpose metal manufacturing complex … raw material to final product. Also the only domestic producer of hydro-pneumatic recoil mechanisms used in all modern artillery and gun systems.

What's Extent of Army Depots?

CONUS	Europe	Persian Gulf	Korea	Pacific
Hawthorne, NV *Lexington, KY* *McAlester, OK* *Navajo, AZ* *New Cumberland, PA* *Price Support Center, I L*	Bardufoss Bettembourg Brunssum *Coevorden* *Eygelshoven* *Hythe* Miesau *Nahbollenbach* *Pirmasens* *Quirnheim* *Sanem* *Vriezenveen* *Zutendaal*	Camp Camp Doha Camp Al Karana Camp As Camp Snoopy Site 51, IS Site 53, IS Site 54, IS	Camp Market, ROK Masan Pusan Taegu	Akizuki Ikego Sagami Depot Tsurumi POL Depot

Anniston Army Depot houses chemical weapons + has the primary mission of repairing all tracked vehicles for the army with the exception of the Bradley. It is the only place the M1 Abrams tank and other tracked vehicles are repaired.

Summary

- There are 4000+ Army installations and sites
  - Troops, training, airfields, arsenals, depots, ammunition plants, satellite sites, etc
  - Active, guard, reserve … CONUS & OCONUS
- Define Protection challenges
  - What types of installations are we protecting?
  - What Army capabilities warrant special consideration beyond DHS initiatives?
- Document Protection capability gaps